

Trade Scales Limited

A & D Weighing Solutions

AD-HCi Counting Scales

Features

- Simple Operation Mode - By setting only the keys necessary for your operation, you can avoid making any unwanted operational mistakes. This mode is available for zero setting, tare weight cancel setting, and sample counting setting.
- High Internal Resolution & Wide Counting Range - High internal resolution of 1/600,000 (HC-3Ki / 6Ki / 30Ki) or 1/750,000 (HC-15Ki) is enhanced for greater counting accuracy.
- Easy Data Retrieval - It is easy for the user to instantly retrieve article data such as the ID number, unit weight, tare weight and comparator upper/lower limits without any difficulties. It helps to improve the effectiveness and reliability of the operation. Especially effective for multi product lines.
- Large Stainless Steel Weighing Pan - Large articles can easily be placed on the weighing pan. The weighing pan is removable and easy to clean.
- Interface Function - Optional Interface (RS-232C (HC-03i) and RS-232C + Relay Output (HC-04i)) allows the user to perform diverse applications with Barcode Printer.
- AWA (Audible Weighing Assist) Beeping Function - The beeping function tells you that you have almost reached your target quantity. The unit begins to make a beeping sound at shorter intervals, making your counting job faster and easier.
- ACAI (Automatic Counting Accuracy Improvement) - ACAI automatically corrects errors caused by variation in unit weights. This function provides greater counting accuracy.
- Detachable Display Unit - It is possible to put the display unit on a table or wall for diverse counting applications. (Standard cable: 60cm, Optional extension cable HC-08i: 2m)
- Comparator Function - Can compare either the count or weight of pieces when the comparator function is activated, "HI", "OK" or "LO" is displayed.
- SLA (Sealed Lead Acid) Rechargeable Battery - Optional SLA battery (6V, 4Ah) has an approximate 80-hour battery life when fully charged.
- Accumulation Function - Total piece calculation stored in memory. Works in automatic mode or manual mode.
- ID Memory Function - Can memorize up to 99 unit weights with tare weight and comparator limits by ID numbers (ID 01 to ID 99).
- UFC (Universal Flex Coms) - Can design your own printing format and easily print out the measurement data.
- Auto Power-Off function - Battery save function for SLA (Sealed Lead Acid). Switches OFF automatically if zero is displayed continuously for 5 minutes.
- Calibration Function - Simple and easy to calibrate with external standard mass by full digital calibration for accurate weighing.
- Large LCD Display showing Detailed Information - Displays piece counting, weight, unit weight, ID number, comparison result by "HI", "OK" or "LO" and AC or battery power supply.



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Specifications

Model	HC-3Ki	HC-6Ki	HC-15Ki	HC-30Ki
Capacity (kg)	3kg	6kg	15kg	30kg
Disp. Resolution (kg)	0.0005kg	0.001kg	0.0021g	0.005kg
Capacity (lb)	6lb	15lb	30lb	60lb
Disp. Resolution (lb)	0.001lb	0.002lb	0.005lb	0.01lb
Sample Size	10 pieces normal –5, 25, 50, 100 or random number, user selectable			
Min. Unit Weight*	0.1g / 0.005g	0.2g / 0.01g	0.4g / 0.02g	1g / 0.05g
Internal Resolution	1 / 600,000		1 / 750,000	1 / 600,000
Non-linearity	±0.5g	±1g	±2g	±5g
Repeatability	0.5g	1g	2g	5g
Span Drift	0.002% / °C (5°C~35°C) typ.			
Operating Temp.	-10°C to 40°C / 14°F to 104°F, 85%RH or lower (No condensation)			
Display	7 segment LCD, Character height: pcs 18.6mm, weight/unit weight 11.4mm			
Display Update	Approximately 10 times per second			
Max. Count Display	600,000		750,000	600,000
Interface	RS-232C (option)			
Power	AC adapter or SLA Battery (option) Battery Operating Time : Approx. 80-hour (without interface)			
Platform Size	300 x 210 mm / 11.8 x 8.3 inches			
Dimensions	315(W) x 331(D) x 126(H) mm / 12.4(W) x 13.0(D) x 5.0(H) inches			
Weight (approx)	4.8kg / 10.6lb			
Calibration Weight	3kg ±0.1g	6kg ±0.2g	15kg ±0.5g	30kg ±1g
Standard Accessories	Instruction manual, AC adapter			

*Min. unit weight varies according to the function setting (F-02-03)

Specifications are subject to change for improvement without notice.

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Accessories:

- AD-8121B Compact Printer
- AD-8118B Journal Printer
- AD-8951 Comparator Light
- AD-8125 Barcode Label Printer

Options:

- HC-02i Sealed Lead Acid Battery (6V, 4Ah)
- HC-03i RS-232C
- HC-04i RS-232C + Relay Output
- HC-08i Extension Cable (2m)

